INNOPHASE is a rapidly growing ultralow-power wireless semiconductor startup with headquarters located in San Diego, CA. We are developing complete wireless solutions with significantly improved power dissipation/performance tradeoffs as compared to industry competitors. Our innovative technology also dramatically improves wireless product flexibility and ease-of-use for product developers. We are looking for driven candidates to join our fast-paced and motivated team. This role is an excellent opportunity for someone that enjoys the critical path and making a significant impact in launching products into the market and winning!

Key Responsibilities

- Data Analysis
- Yield enhancement
- RMA support
- Failure analysis and isolation of faults or weaknesses in defective or questionable devices
- Wafer sort and final test disposition and analysis
- Process capability and yield sensitivity analysis
- Drive quality improvement and cost reduction projects with design and our wafer fab, assembly and test partners
- Develop and prioritize systems to monitor yield, failure modes, and reliability

Desirable Skills

- Experience with RF SoC products
- Experience with high-volume SoC ATE HW/SW development, deployment and expansion
- Experience with the RF SoC NPI process
- Use of the 8D problem solving process
- Experience with Cadence EDA tools for device schematic capture and layout
- Experience in automating data analysis and report/dashboard generation
- Ability to interface with customer quality engineers

Job Requirements

- Quality focus
- Extensive data analysis skills
- Adept at statistical analyses, data mining and handling large datasets
- Strong understanding of CMOS semiconductor processing and high-volume assembly and test methods and techniques
- Experience with yield improvement activities
- Experience with failure analysis including various electrical, optical and physical techniques (e.g., u-probing, xray, FIB, EDX, etc.)
- Knowledge in using sophisticated data analysis tools (e.g., JMP, DataPower, Matlab, etc.)
- Ability to convincingly influence without authority – including subcontractors and internal resources
- Ability to operate independently to identify opportunities, define project scope and drive to completion
- Occasional travel to customer sites and other INNOPHASE design centers (US/International)
- Good Communication skills and a team player in working with various internal local/remote functional teams, vendors and suppliers
- Experience in delivering technical presentations to various audiences

BS in CS/EE or related technical degree. MS preferred.

Full-time Opportunity   Location: San Diego (HQ)

Excellent Benefits

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